

## Los Angeles Regional Water Quality Control Board

November 12, 2013

Mr. Steve Dahlberg  
The Kissel Company  
P.O. Box 2913  
Malibu, CA 90265

**REVISION TO MONITORING AND REPORTING PROGRAM FOR ONSITE WASTEWATER TREATMENT SYSTEM UPGRADE AT PARADISE COVE BEACH CAFE, 28128 PACIFIC COAST HIGHWAY, MALIBU (ORDER NO. 97-10-DWQ, CI-8568, FILE NO. 02-076, GLOBAL I.D. WDR 100000710)**

Dear Mr. Dahlberg:

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses of water within major portions of Los Angeles and Ventura Counties, including the Paradise Cove Beach Cafe (Site) referenced above.

On December 14, 2012, the Regional Board approved the advanced Onsite Wastewater Treatment System Upgrade Plans (Upgrade Plans) for the referenced Site and required the upgraded system to be in full operation by June 14, 2013. The upgrades included the followings:

1. A larger septic tank providing additional equalization volume;
2. Two aerators increasing nutrient reduction;
3. A chlorine contact tank providing chlorination; and,
4. A drum scrubber.

On April 11, 2013, Ms. Barbara Bradley with the Advanced Onsite Systems representing the Kissel Company (Permittee) requested an extension to March 31, 2014 due to the delay in obtaining the Coastal Development Permit issued by the City of Malibu Coastal Development Commission. On May 28, 2013, the Upgrade Plans was approved by the Coastal Development Commission.

Based on the review of the City of Malibu's permitting schedule and additional time needed for construction and testing, the advanced onsite wastewater treatment system (OWTS) must be in full operation by March 31, 2014. Upon completion of the proposed upgrades, the Permittee shall provide assurance on the effectiveness of the new system. Should the new system fail to function and/or treat the discharge to meet WDRs, it is the Permittee's responsibility to bring the discharge back to full compliance. Additionally, during the construction to upgrade the advanced OWTS, the existing permit, Order No. 97-10-DWQ, remains in effect, and you are NOT exempt from any requirements, effluent limits, and receiving water limits specified in the permit. The Monitoring and Reporting Program (MRP) CI No. 8568 is hereby revised to incorporate

MARIA MEHRANIAN, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

requirements to monitor performance of the advanced OWTS. In order to measure ongoing plant performance and compliance with water quality objectives, you are also required to meet the effluent performance goals (Table 1) and receiving groundwater limitations (Table 2) as specified below:

**Table 1**

Constituents	Effluent Performance Goals <sup>[1]</sup>
Fat, Oil, and Grease	1 mg/L
Suspended Solids	10 mg/L
BOD <sub>5@20 °C</sub>	10 mg/L
Total Chlorine	1 mg/L
Nitrate + Nitrite Nitrogen	10 mg/L
Nitrate Nitrogen	10 mg/L
Nitrite Nitrogen	1 mg/L
pH	6 - 9
Total Coliform	1.1 MPN
Fecal Coliform	1.1 MPN
Enterococcus	1.1 MPN

[1]: Effluent performance goals are based on the current effluent monitoring data and the projected effluent quality with the treatment of the upgraded system. The performance goals are specified only as an indication of the treatment efficiency of the system. Performance goals are intended to minimize pollutant loading (primarily for toxics) and while maintaining the incentive for future voluntary improvement of water quality whenever feasible, without the imposition of more stringent limits based on improved performance. They are not considered as limitations or standards for the regulation of the discharge from the treatment system. The Executive Officer may modify any of the performance goals if the Permittee requests and has demonstrated that the change is warranted.

**Table 2**

Constituents	Receiving Groundwater Limitations <sup>[2]</sup>
Ammonia	2.4 mg/L
pH	6 - 9
Total Coliform	10,000 MPN/100 mL
Fecal Coliform	400 MPN/100 mL
Enterococcus	104 MPN/100 mL

Table 2 (Cont'd)

Constituents	Receiving Groundwater Limitations <sup>[2]</sup>
Total Coliform Density	1,000 MPN/100 mL, if the ratio of fecal-to-total coliform exceeds 0.1

[2]: The receiving groundwater limitations are based on the 2012 California Ocean Plan Water Quality Objectives.

All reports required under the revised MRP, including groundwater monitoring data, shall be submitted to the State Water Resources Control Board GeoTracker database.

If you have any questions, please contact the Project Manager, Dr. Don Tsai at (213) 620-2264 ([dtsai@waterboards.ca.gov](mailto:dtsai@waterboards.ca.gov)), or the Chief of Groundwater Permitting Unit, Dr. Eric Wu at (213) 576-6683 ([ewu@waterboards.ca.gov](mailto:ewu@waterboards.ca.gov)).

Sincerely,

  
Samuel Unger, P.E.  
Executive Officer

Attachment: Revised Monitoring and Reporting Program CI No. 8568  
cc (via email): Mr. Patrick Nejadian, County of Los Angeles Department of Public Health  
Ms. Barbara Bradley, Advanced Onsite Systems

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION**

320 West 4<sup>th</sup> Street, Suite 200, Los Angeles, California 90013  
(213) 576-6660 • Fax (213) 576-6640  
<http://www.waterboards.ca.gov/losangeles/>

---

**REVISED MONITORING AND REPORTING PROGRAM NO. CI-8568  
FOR  
KISSEL COMPANY, INC.  
PARADISE COVE BEACH CAFE  
28128 PACIFIC COAST HIGHWAY**

**ENROLLMENT UNDER GENERAL WASTE DISCHARGE REQUIREMENTS  
FOR  
DISCHARGERS TO LAND BY SMALL DOMESTIC WASTEWATER TREATMENT SYSTEMS  
ORDER NO. 97-10-DWQ (SERIES NO. 017)  
(FILE NO. 02-076)**

This Monitoring and Reporting Program No. CI-8568 is issued pursuant to California Water Code section 13267. The monitoring and reporting required by this directive is necessary to assure compliance with Order No. 96-10-DWQ (Series No. 017) and to evaluate whether the facility is protective of water quality. This Order is issued to the Kissel Company, Inc. because it owns/operates the Paradise Cove Beach Café. Failure to comply with this directive could result in monetary civil liability pursuant to California Water Code section 13268.

**I. REPORTING REQUIREMENTS**

- A. The Kissel Company, Inc. (hereafter, the Discharger) shall implement this revised monitoring and reporting program (Revised on November 12, 2013) pursuant to State Water Resources Control Board Waste Discharge Requirements Order No. 97-10-DWQ (WDRs). The next monitoring report under this program shall be submitted to the Regional Water Quality Control Board, Los Angeles Region (Regional Board) on or before January 15, 2013.

Monitoring reports shall to be submitted on or before the dates specified in Table 1:

**Table 1. Reporting Period and Due Date**

<b>Reporting Period</b>	<b>Report Due</b>
January ~ March	April 15
April ~ June	July 15
July ~ September	October 15
October ~ December	January 15

- B. If there is no discharge, during any reporting period, the report shall so state.
- C. By April 15<sup>th</sup> of each year, beginning April 15, 2014, the Discharger shall submit an annual summary report to the Regional Board. The report shall contain both tabular and graphical summaries of the monitoring data obtained during the previous

calendar year. In addition, the Discharger shall explain the compliance record and the corrective actions taken or planned, which may be needed to bring the discharge into full compliance with the WDRs.

- D. Laboratory analyses – all chemical and bacteriological analyses shall be conducted at a laboratory certified for such analyses by the California Department of Public Health Environmental Laboratory Accreditation Program (ELAP). The laboratory must meet the United States Environmental Protection Agency (USEPA) Quality Assurance/Quality Control (QA/QC) criteria. Pollutants shall be analyzed using the methods described in 40 CFR 136; or where no methods are specified for a given pollutant, methods approved by the Regional Board shall be utilized.
- E. The method limits (MLs) employed for effluent analyses shall be lower than the permit limits established for a given parameter, unless the Dischargers can demonstrate that a particular ML is not attainable and obtains approval for a higher ML from the Regional Board Executive Officer (Executive Officer). The Discharger shall submit a list of the analytical methods employed for each test and the associated laboratory QA/QC procedures upon the request of the Regional Board.
- F. Each monitoring report must affirm in writing that "All analyses were conducted at a laboratory certified for such analyses by the California Department of Public Health and in accordance with current USEPA guideline procedures or as specified in this Monitoring Program." Proper chain of custody procedures must be followed and a copy of the chain of custody shall be submitted with the report.
- G. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses any items where the discharge limitations were not met. The Discharger shall include a statement about the cause(s) of non-compliance and the corrective actions taken or planned that may be needed to bring the discharge into full compliance with WDRs. This section shall be located at the front of the report and shall clearly list all non-compliance with WDRs, as well as all excursions of effluent limitations.
- H. The Discharger shall maintain all sampling and analytical results, including strip charts; date; exact place, and time of sampling; dates analyses were performed; analyst's name; analytical techniques used; and results of all analyses. Such records shall be retained for a minimum of three years. This period of retention shall be extended during the course of any unresolved litigation regarding this discharge, or when requested by the Regional Board.
- I. In reporting the monitoring data, the Discharger shall arrange the data in tabular form so that the date, the constituents, and the concentrations are readily discernible. The data shall be summarized to demonstrate compliance with the requirements and, where applicable, shall include results of receiving water observations.
- J. Any mitigation/remedial activity including any pre-discharge treatment conducted at the site must be reported in the quarterly monitoring report.

## II. WASTEWATER TREATMENT AND DISPOSAL SYSTEM MONITORING REQUIREMENTS

- A. Maintenance reporting: The Dischargers shall annually submit an operation and maintenance report for the wastewater treatment system. The information to be contained in the report shall include, at a minimum, the following:
1. The name and address of the person or company responsible for the operation and maintenance of the Facility;
  2. Type of maintenance (preventive or corrective action performed);
  3. Frequency of maintenance, if preventive;
  4. Any pumping required for the septic disposal system; and,
  5. Maintenance records for the septic disposal system and/or wastewater treatment plant.
- B. Influent monitoring reports shall measure the monthly average and daily maximum wastewater flow from the collection system to the treatment system.
- C. An effluent sampling station shall be established at a location where representative samples of treated effluent can be obtained prior to discharge to the seepage pit and/or leach field disposal/subsurface drip irrigation system. Monitoring shall be conducted as described in the table below. The following shall constitute the effluent monitoring program, specified in Table 2:

**Table 2. Effluent Monitoring of the Existing OWTS**

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Total flow	gal/day	Recorder	continuous
pH	pH units	grab	quarterly
Total suspended solids	mg/L <sup>[2]</sup>	grab	quarterly
BOD <sub>5@20°C</sub>	mg/L	grab	quarterly
Total nitrogen <sup>[1]</sup>	mg/L	grab	quarterly
Nitrate nitrogen	mg/L	grab	quarterly
Nitrite nitrogen	mg/L	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly

[1] Total nitrogen: Nitrate + nitrite + ammonia + organic nitrogen as nitrogen

[2] mg/L: milligram/liter

- D. Once the advanced OWTS replaces the existing OWTS, the Discharger shall perform the effluent monitoring specified in Table 3 replacing the effluent monitoring specified in Table 2.

**Table 3. Effluent Monitoring of the Advanced OWTS**

Constituent	Units	Type of Sample	Minimum Frequency of Analysis
Total flow	gal/day	recorder	continuous
pH <sup>[3]</sup>	pH units	grab	quarterly
Total suspended solids <sup>[3]</sup>	mg/L	grab	quarterly
BOD5@20oC <sup>[3]</sup>	mg/L	grab	quarterly
Fat, oil and grease <sup>[3]</sup>	mg/L	grab	quarterly
Nitrate + Nitrite Nitrogen <sup>[3]</sup>	mg/L	grab	quarterly
Nitrate nitrogen <sup>[3]</sup>	mg/L	grab	quarterly
Nitrite nitrogen <sup>[3]</sup>	mg/L	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Turbidity	NTU <sup>[4]</sup>	grab	quarterly
Total Chlorine <sup>[3]</sup>	mg/L	grab	quarterly
Ammonia nitrogen	mg/L	grab	quarterly
Total Coliform <sup>[3]</sup>	MPN/100mL <sup>[5]</sup>	grab	quarterly
Fecal Coliform <sup>[3]</sup>	MPN/100mL	grab	quarterly
Enterococcus <sup>[3]</sup>	MPN/100mL	grab	quarterly

[3] The listed item is for performance goals. However, the Permittee shall maintain, if not improve, its treatment efficiency. Any exceedance greater than the performance goals listed in the September 5, 2013 cover letter, entitled "REVISION TO MONITORING AND REPORTING PROGRAM FOR ONSITE WASTEWATER TREATMENT SYSTEM UPGRADE AT PARADISE COVE BEACH CAFE, 28128 PACIFIC COAST HIGHWAY, MALIBU (ORDER NO. 97-10-DWQ, CI-8568, FILE NO. 02-076, GLOBAL I.D. WDR 100000710)", shall trigger an investigation into the cause of the exceedance. If the exceedance persists in three successive monitoring periods, the Permittee shall submit a written report to the Regional Board on the nature of the exceedance, the results of the investigation as to the cause of the exceedance, and the corrective actions taken or proposed corrective measures with timetable for implementation, if necessary.

[4] NTU: Nephelometric Turbidity Units

[5] MPN/100mL: Most Probable Number/100 milliliter

### III. GROUNDWATER MONITORING PROGRAM

- A. On September 9, 2001, a groundwater monitoring network for both the Beach Café and the Paradise Cove Mobile Home Park was approved by the Regional Board Executive Officer. After relocation of the WWTP and wastewater disposal area, additional wells were needed to fully evaluate impacts from the wastewater treatment and disposal system.

A proposal for additional groundwater monitoring wells was submitted to this Regional Board on June 11, 2002. On January 13, 2003 additional groundwater monitoring wells MW-11, MW-12, and MW-13, located closer to the wastewater treatment plant and associated disposal area, were installed. These three wells in addition to the original six well monitoring network are sufficient to satisfy the groundwater monitoring program requirement to fully evaluate the impact from the Beach Café's treated wastewater discharge on the local groundwater which ultimately discharges to the Pacific Ocean.

This groundwater monitoring program may be subject to revision after completion of the first year of baseline water quality monitoring.

- B. The following shall constitute the groundwater monitoring program, specified in Table 4:

**Table 4. Groundwater Monitoring**

Constituent	Unit	Type of Sample	Minimum Frequency of Analysis
pH	pH units	grab	quarterly
Total coliform	MPN/100mL	grab	quarterly
Fecal coliform	MPN/100mL	grab	quarterly
Enterococcus	MPN/100mL	grab	quarterly
Ammonia-N	mg/L	grab	quarterly
Nitrate-N	mg/L	grab	quarterly
Nitrite-N	mg/L	grab	quarterly
Organic nitrogen	mg/L	grab	quarterly
Total nitrogen	mg/L	grab	quarterly
Total dissolved solids	mg/L	grab	quarterly
Sulfate	mg/L	grab	quarterly
Chloride	mg/L	grab	quarterly
Boron	mg/L	grab	quarterly
Total suspended solids	mg/L	grab	quarterly
BOD <sub>5@20°C</sub>	mg/L	grab	quarterly
Turbidity	NTU	grab	quarterly
Total chlorine	mg/L	grab	quarterly
Ammonia-N	mg/L	grab	quarterly



All groundwater monitoring reports must include, at minimum, the following:

- a. Well identification, date and time of sampling;
- b. Sampler identification, and laboratory identification;
- c. Quarterly measurement of groundwater levels, recorded to 0.01 feet mean sea level; and,
- d. Groundwater contour map depicting the hydraulic gradient and direction of groundwater flow across the subject tract.

#### **IV. WORKPLAN OF UPGRADE TO EXISTING WASTEWATER TREATMENT AND DISPOSAL SYSTEM**

On December 14, 2012, a workplan dated April 24, 2012 and titled "Upgrade to Existing Wastewater Treatment and Disposal System" that proposes upgrades to the existing system was approved.

The Discharger is required to complete the upgrade and the system must be in full operation by March 31, 2014. Report summarizing the upgrade shall be submitted to the Regional board along with the next quarterly report due on April 15, 2014.

#### **V. WASTE HAULING REPORTING**

In the event that waste sludge, septage, or other wastes are hauled offsite, the name and address of the hauler shall be reported, along with types and quantities hauled during the reporting period and the location of final point of disposal. In the event that no wastes are hauled during the reporting period, a statement to that effect shall be submitted.

#### **VI. MONITORING FREQUENCIES**

Specifications in this monitoring program are subject to periodic revisions. Monitoring requirements may be modified or revised by the Executive Officer based on review of monitoring data submitted pursuant to this Order. Monitoring frequencies may be adjusted to a less frequent basis or parameters and locations dropped by the Executive Officer if the Discharger makes a request and the request is backed by statistical trends of monitoring data submitted.

#### **VII. ELECTRONIC SUBMITTAL OF INFORMATION**

The Dischargers shall comply with the Electronic submittal of Information (ESI) requirements by submitting all reports required under the MRP, discharge location data, and pdf monitoring reports to the State Water Resources Control Board GeoTracker database under Global ID WDR100000710.

#### **VIII. CERTIFICATION STATEMENT**

Each report shall contain the following completed declaration:

"I certify under penalty of law that this document, including all attachments and supplemental information, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment.

Executed on the \_\_\_\_\_ day of \_\_\_\_\_ at \_\_\_\_\_

\_\_\_\_\_ (Signature)

\_\_\_\_\_ (Title)"

These records and reports are public documents and shall be made available for inspection during normal business hours at the office of the California Regional Water Quality Control Board, Los Angeles Region.

Ordered by: Samuel Unger  
Samuel Unger, P.E.  
Executive Officer

Date: November 12, 2013

/DTSAl/